A SYSTEM AND A METHOD FOR STORING AUDIO/VIDEO PROGRAMS ON A HARD DISK DRIVE FOR PRESENTATION TO A VIEWER

Abstract of the Disclosure

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An audio/video (A/V) system for storing A/V programs includes an interface configured to receive a transport stream structured in packets and representing a plurality of A/V programs. Each A/V program is represented by a plurality of packets and is identified by program identification data in each packet. A storage management system is connected to receive the transport stream from the interface and to detect the program identification data of each received packet. A buffer is coupled to the storage management system and has a plurality of separate buffer portions. Each buffer portion is in communication with the storage management system to receive data of packets having program identification data related to a single A/V program and to store the data of the packets separate from data of packets having program identification data related to different A/V programs. A storage medium is coupled to the storage management system and has a plurality of separate storage files for the A/V programs. Each storage file receives data of the packets having program identification data related to a single A/V program and transferred from one of the separate buffer portions of the buffer.

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